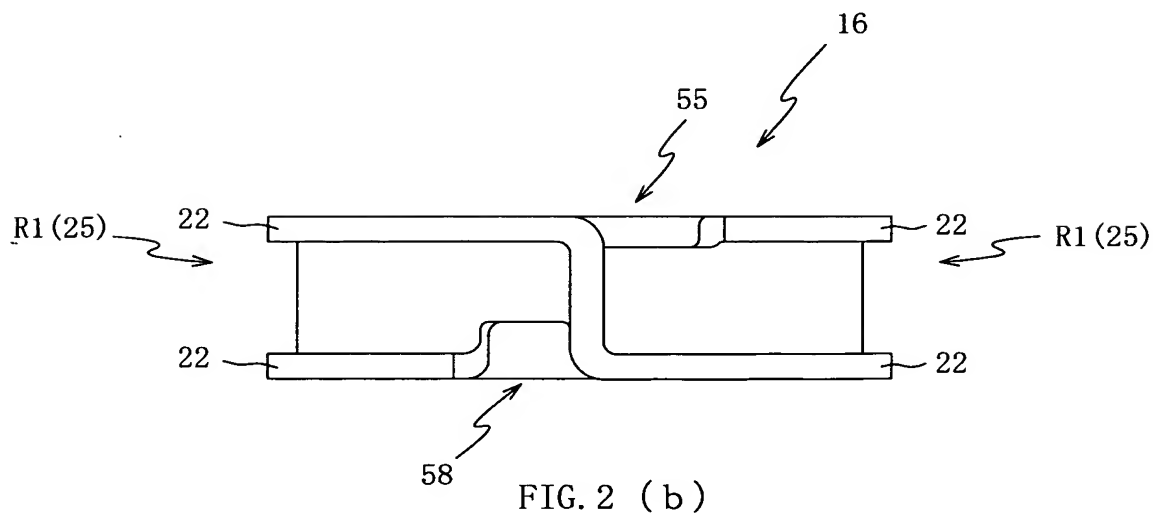
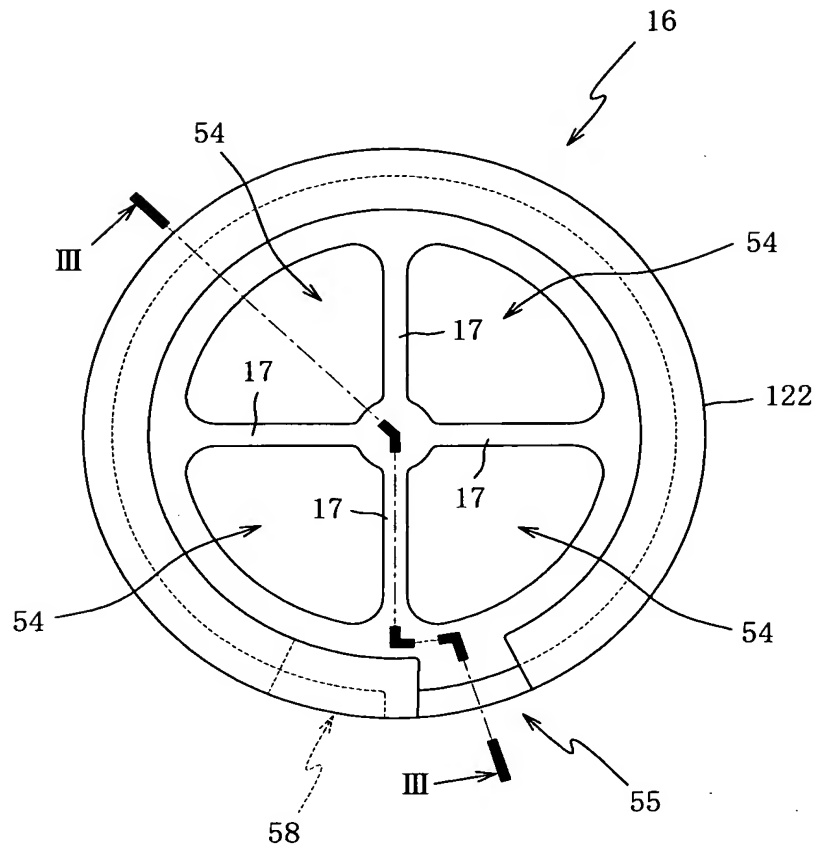


FIG. 1



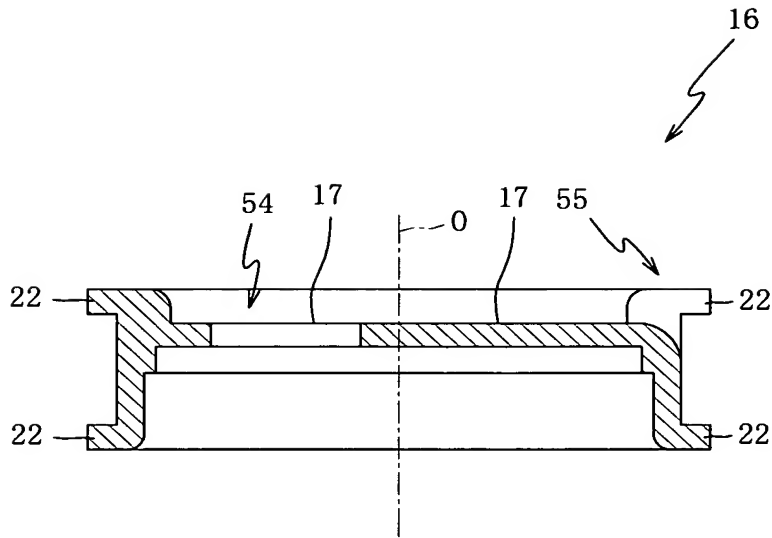


FIG. 3

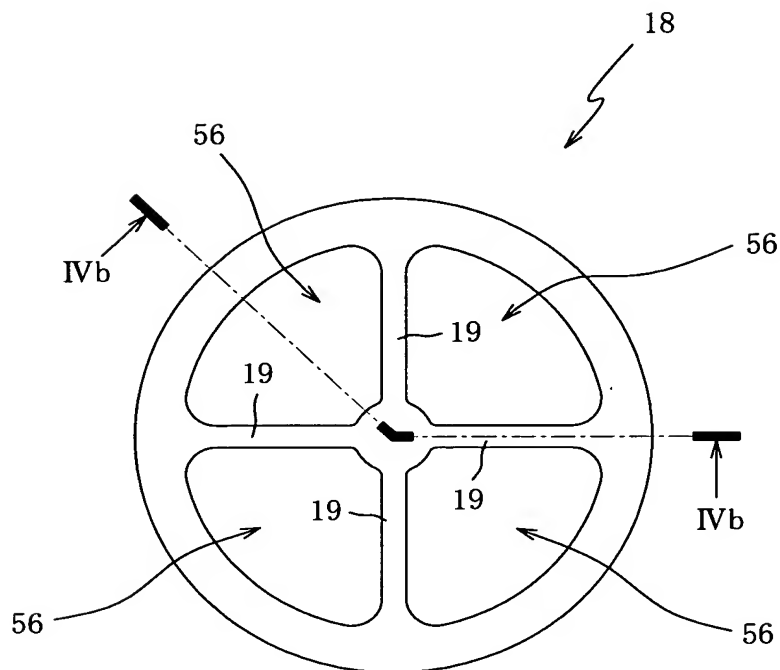


FIG. 4 (a)

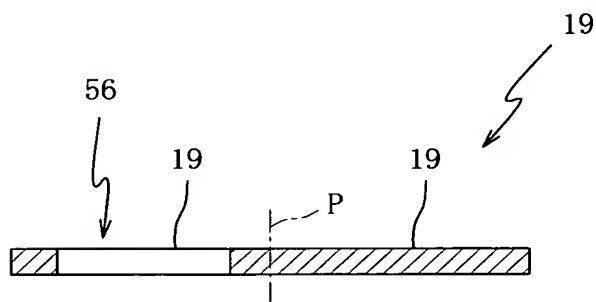


FIG. 4 (b)

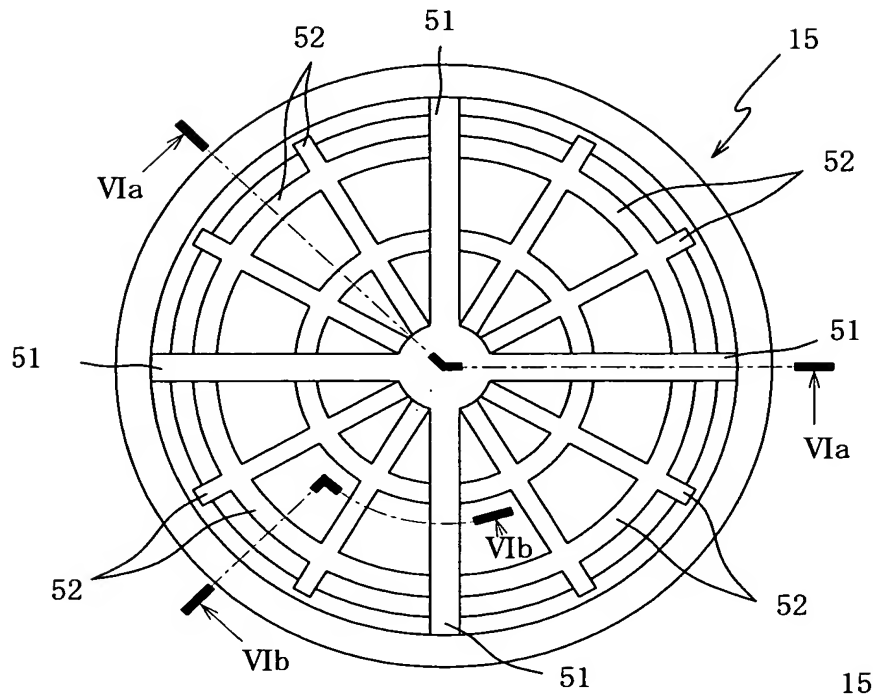


FIG. 5(a)



FIG. 5(b)

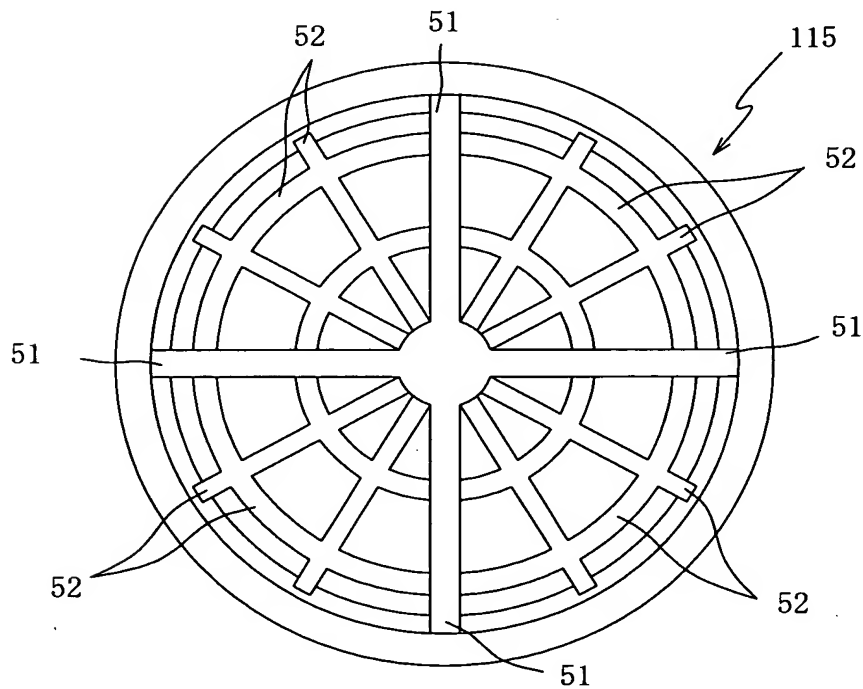


FIG. 5(c)

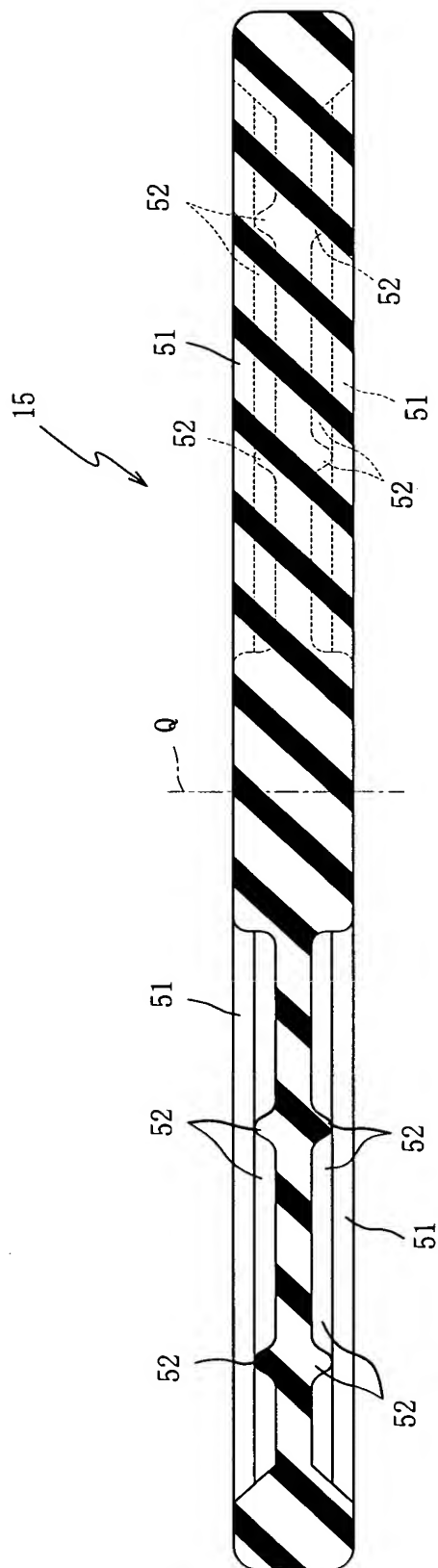


FIG. 6 (a)

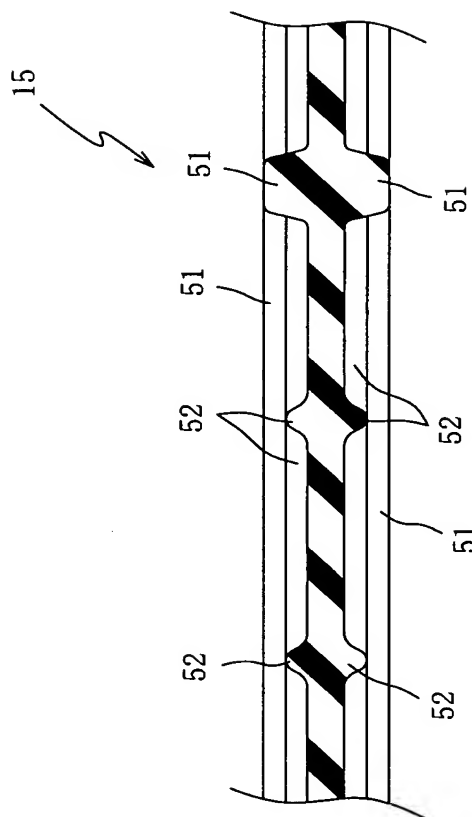
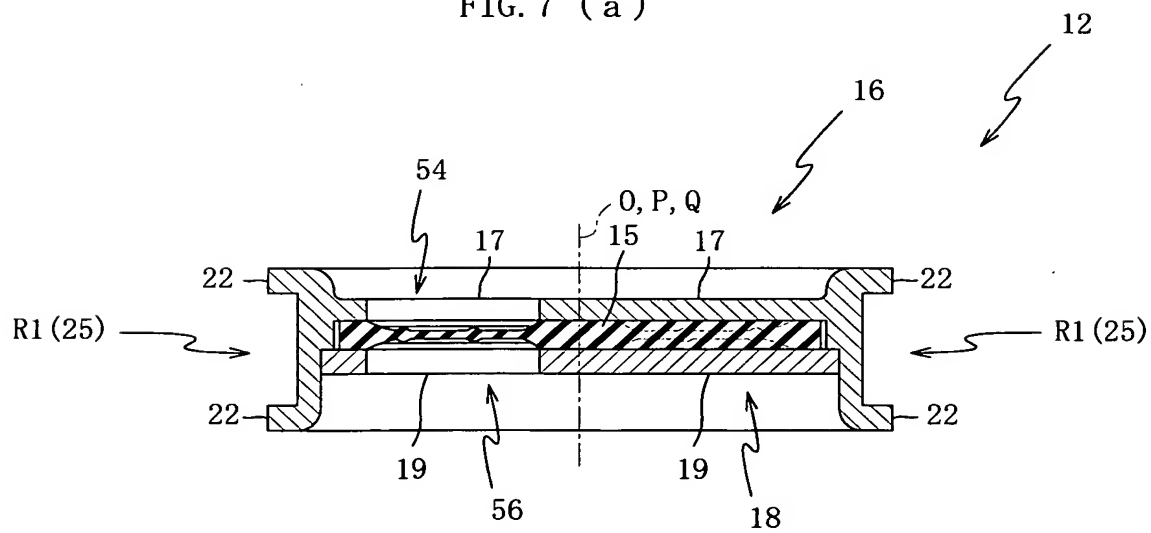
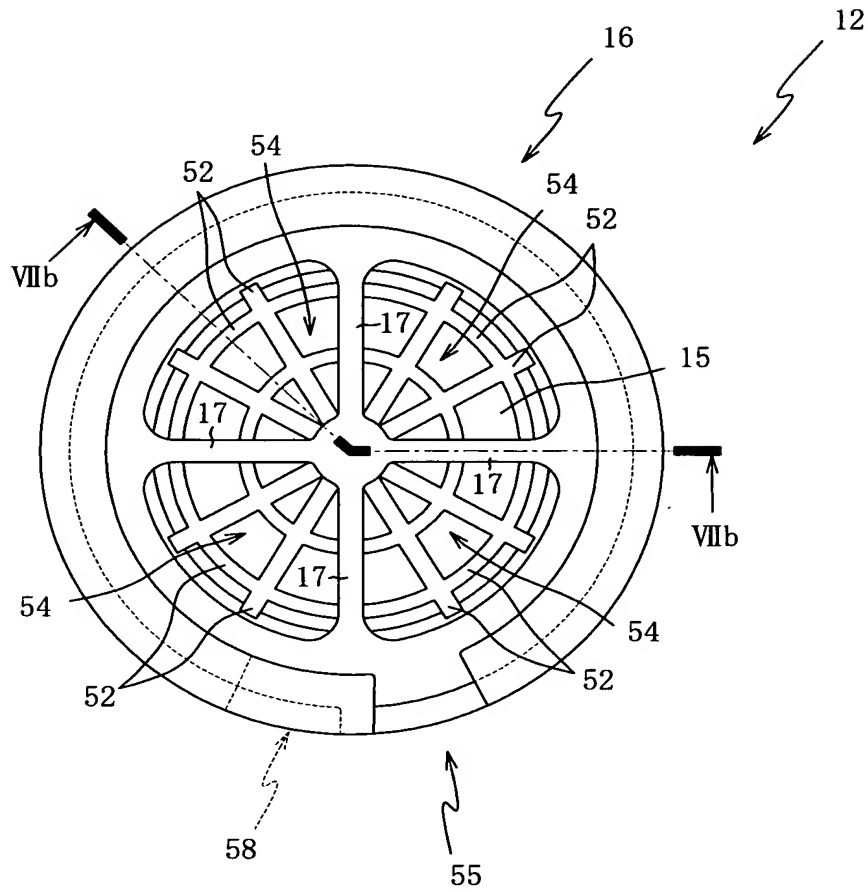


FIG. 6 (b)



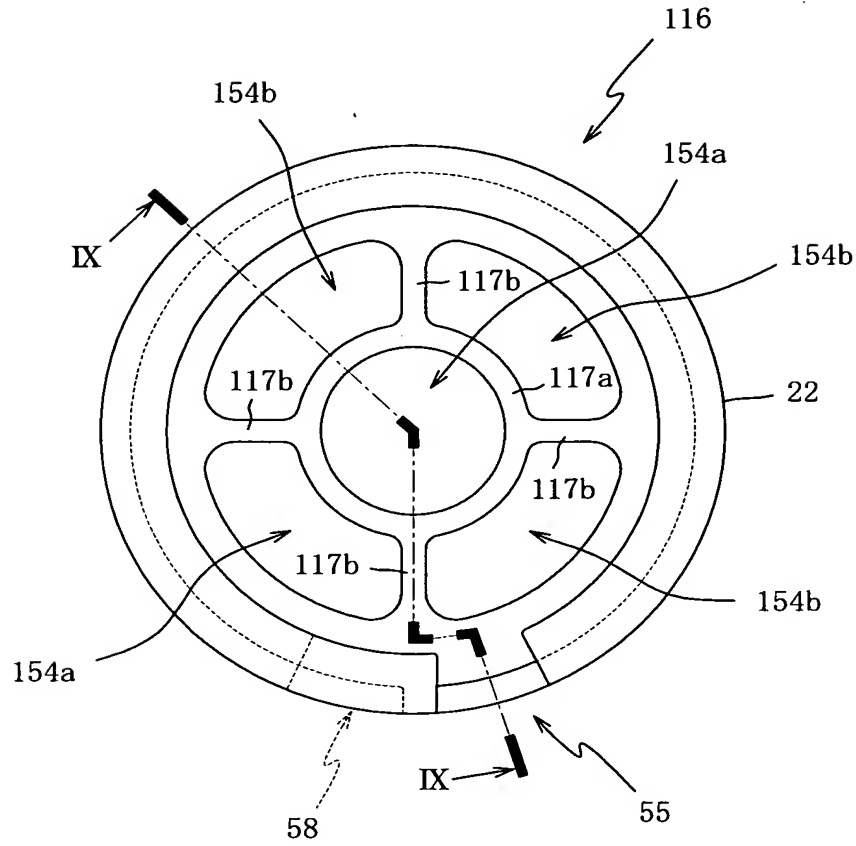


FIG. 8 (a)

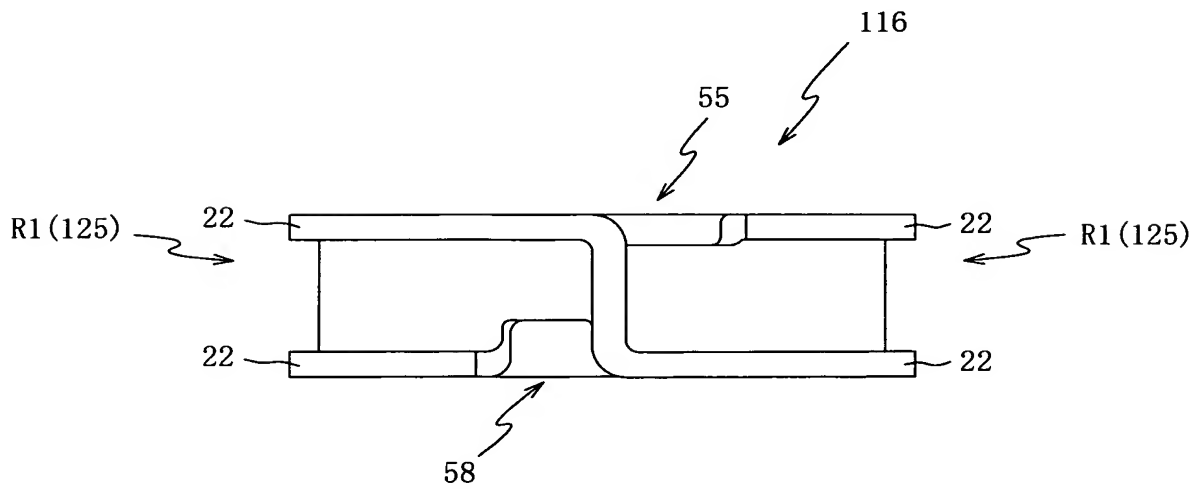


FIG. 8 (b)

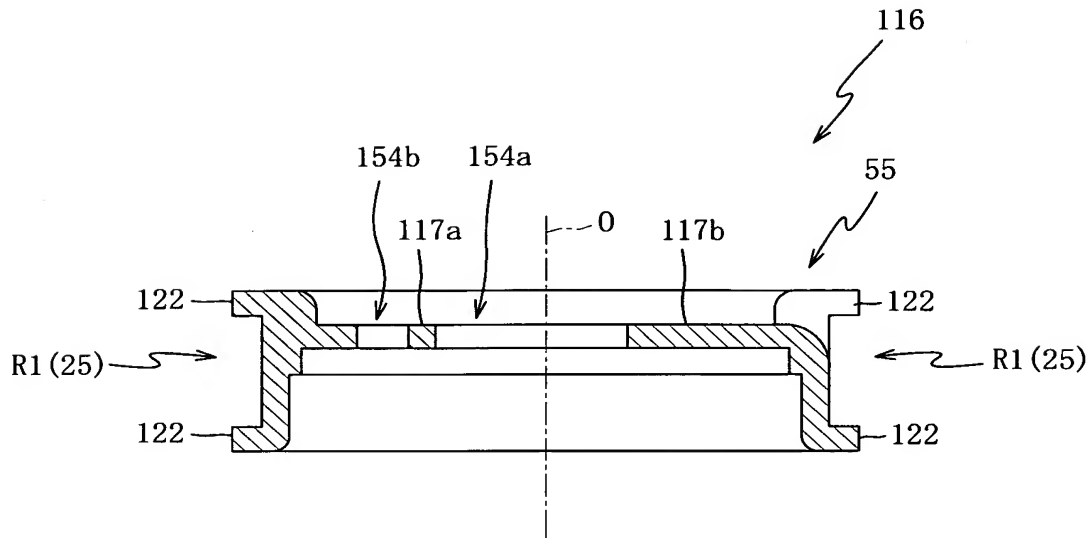


FIG. 9

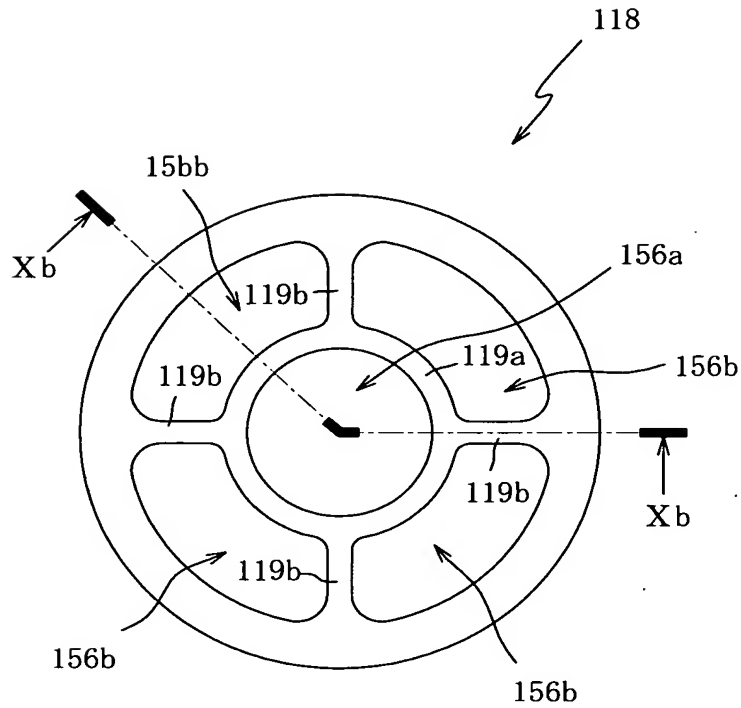


FIG. 10 (a)

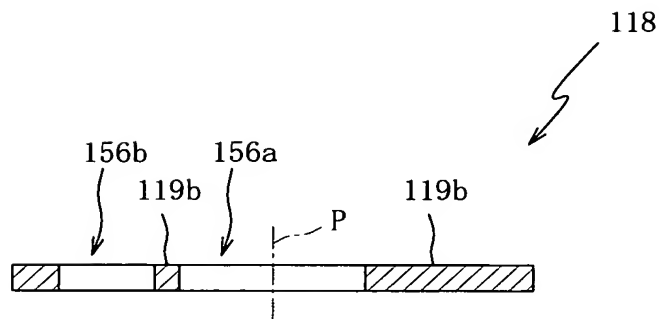


FIG. 10 (b)

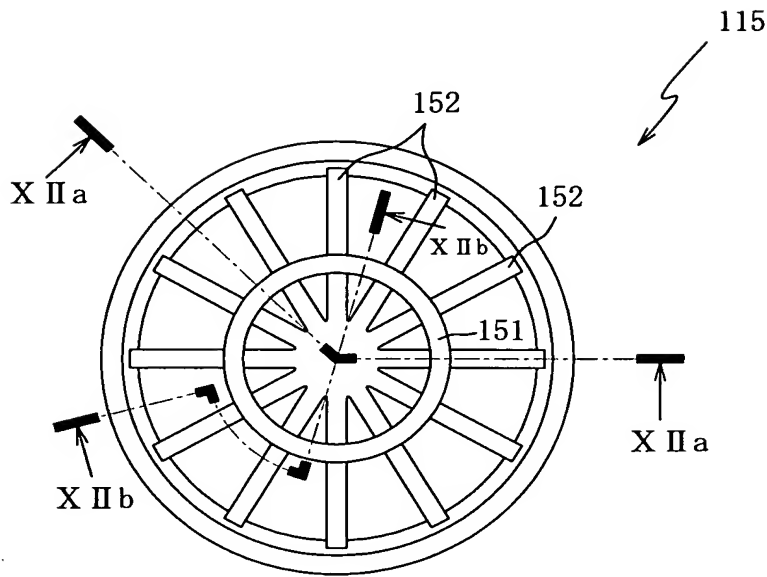


FIG. 11(a)

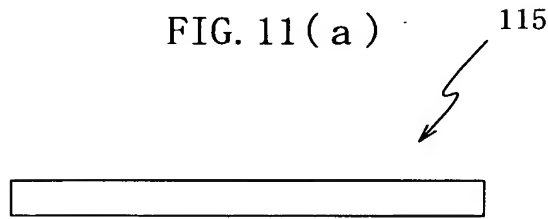


FIG. 11(b)

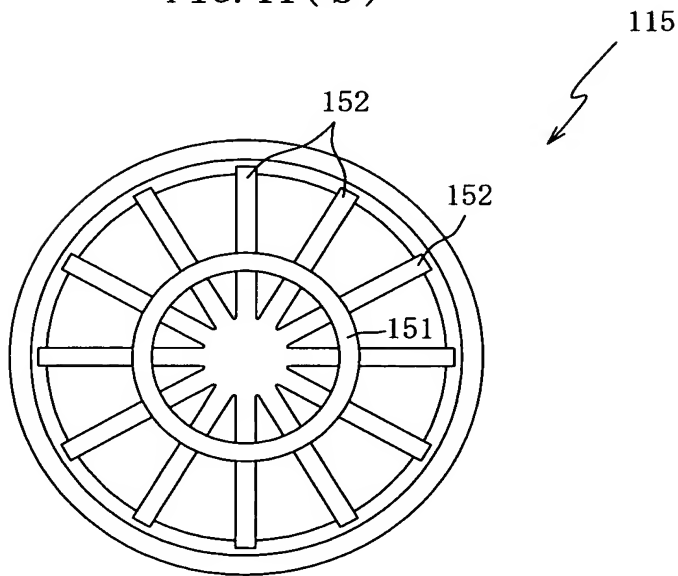


FIG. 11(c)

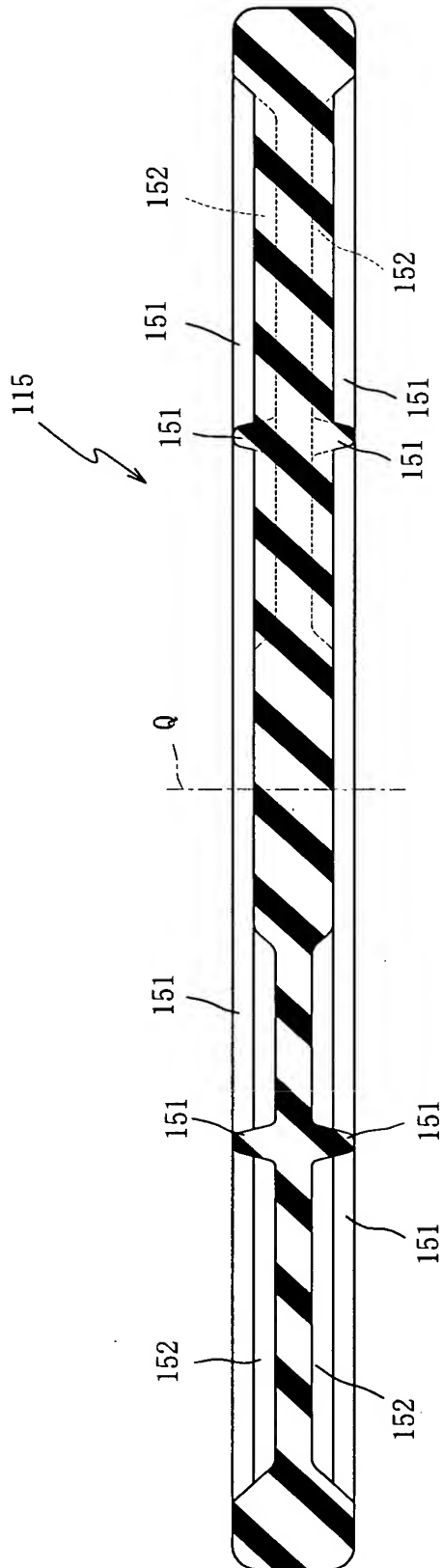


FIG. 12 (a)

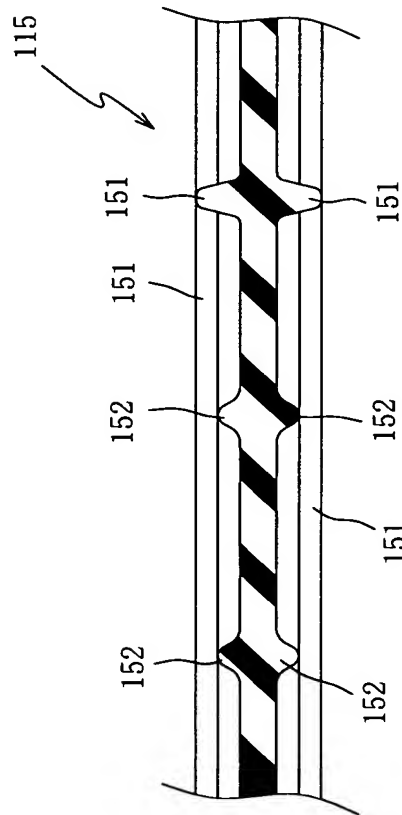
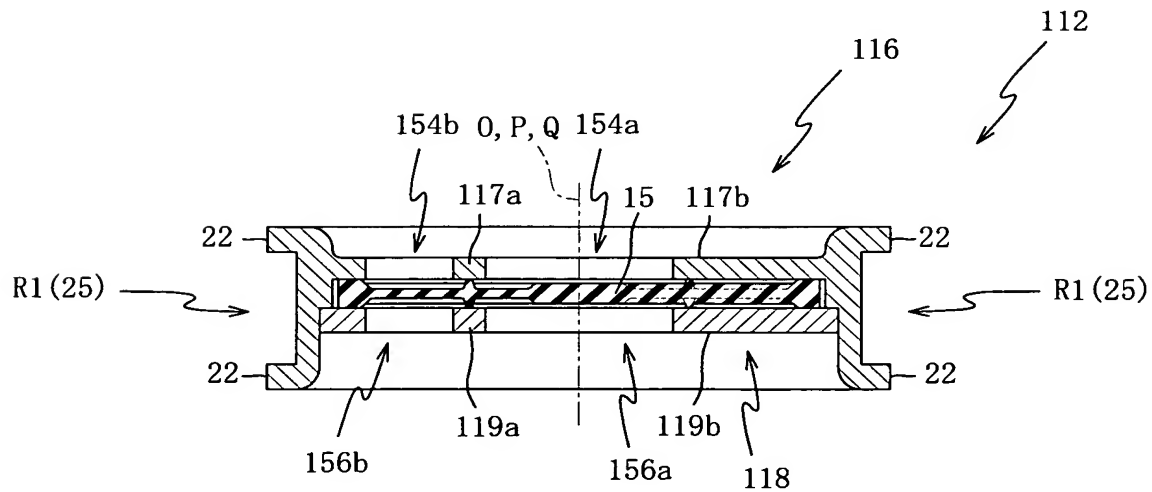
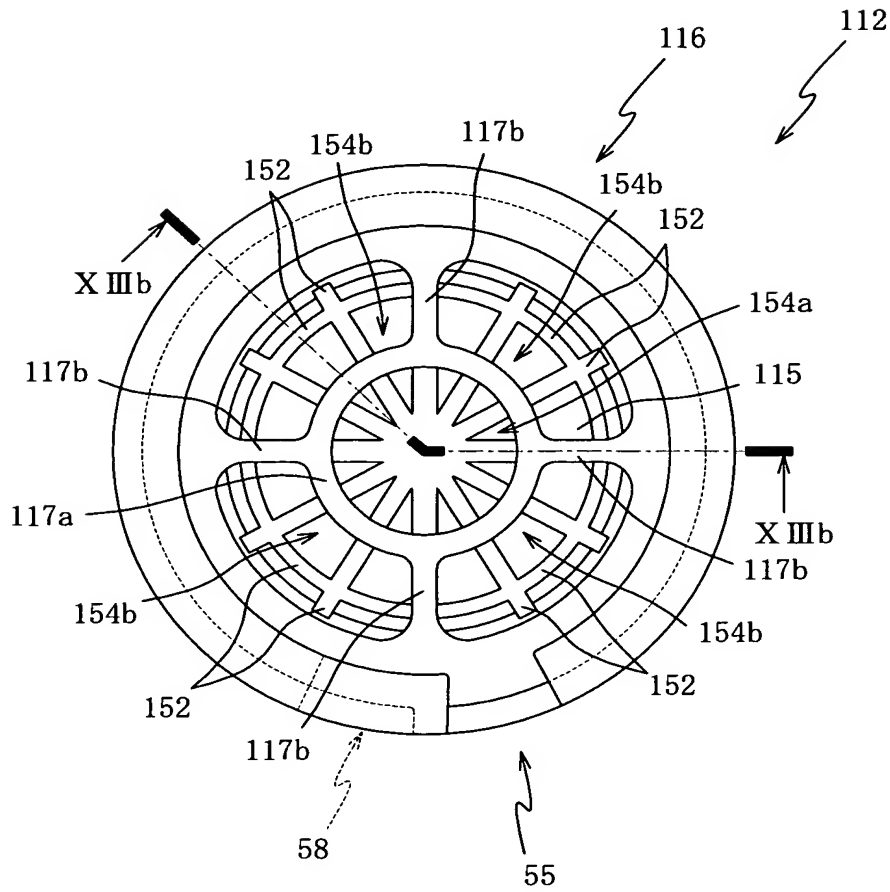


FIG. 12 (b)



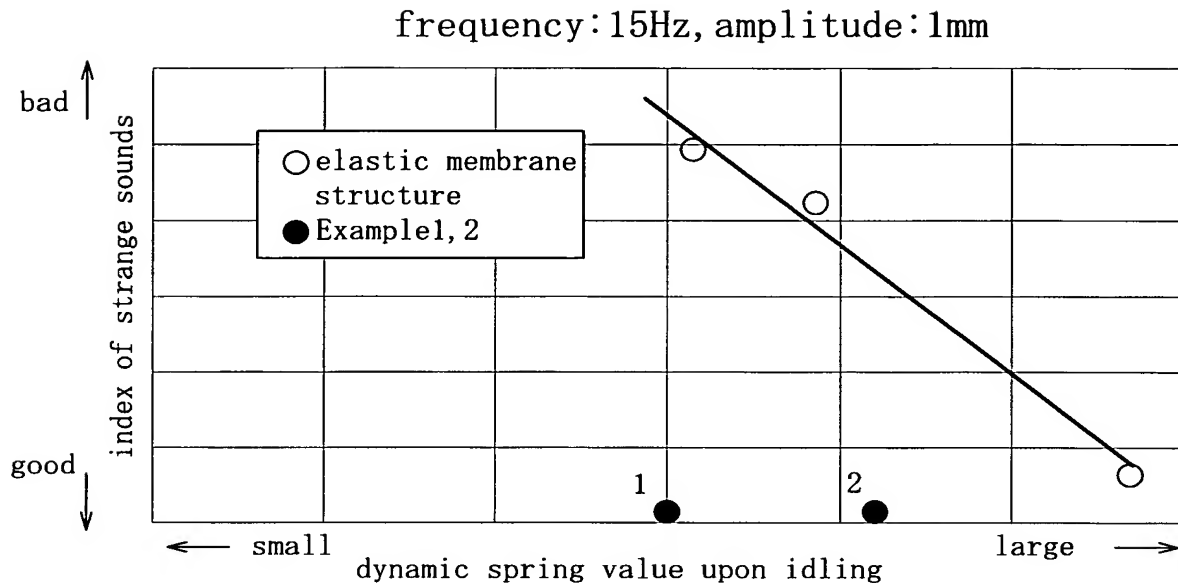


Fig. 14 (a)

performance comparison of damping
characteristic upon shake range

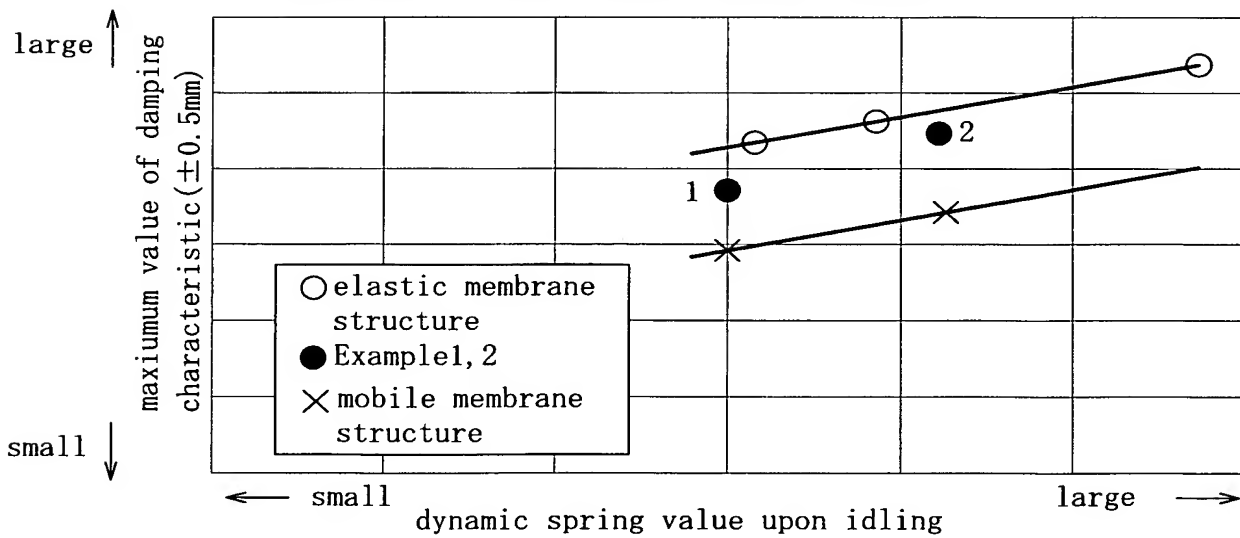


Fig. 14 (b)

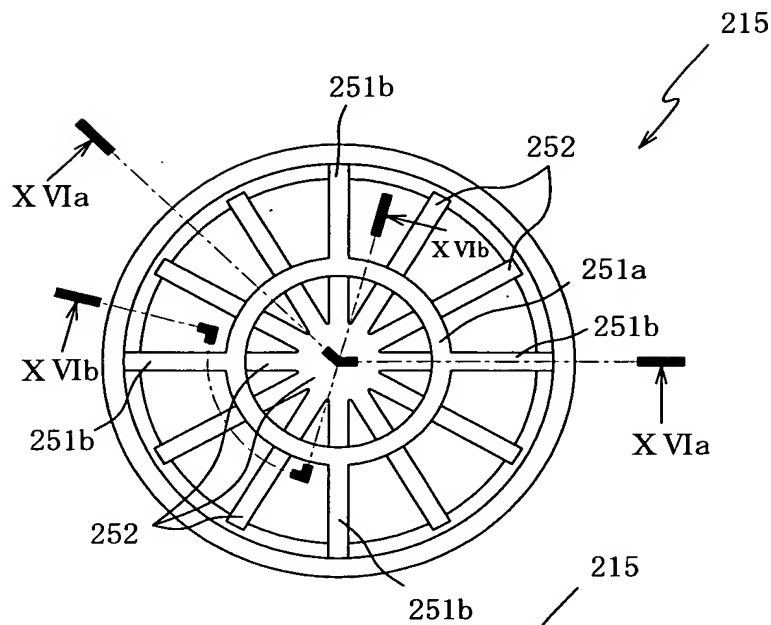
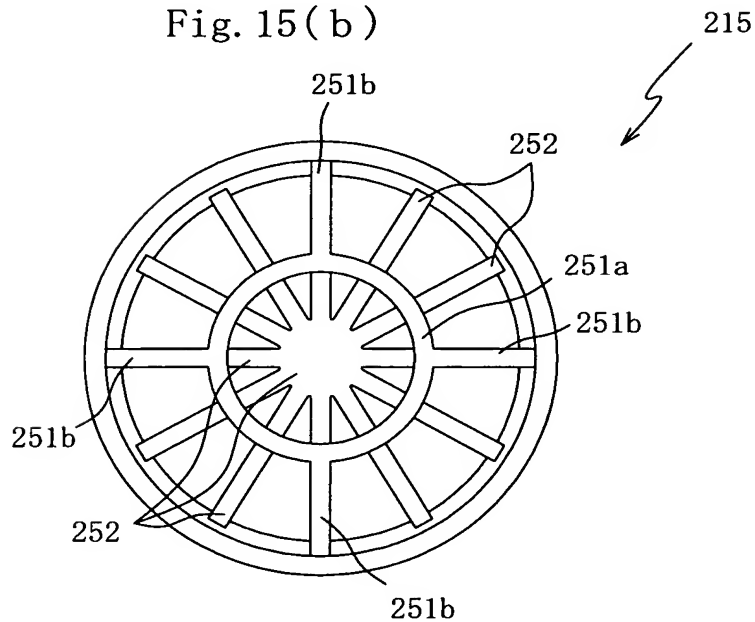


Fig. 15 (b)



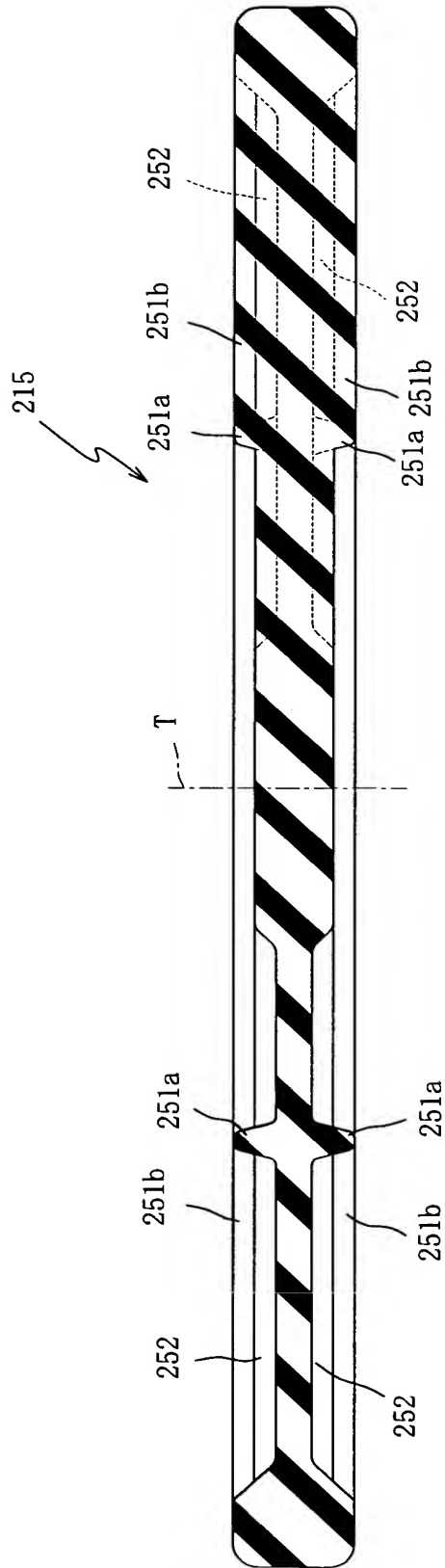


Fig. 16. (a)

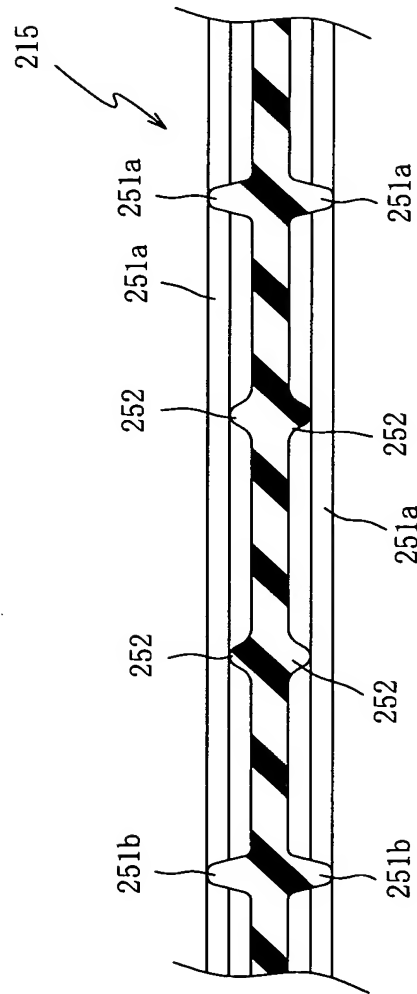


Fig. 16. (b)